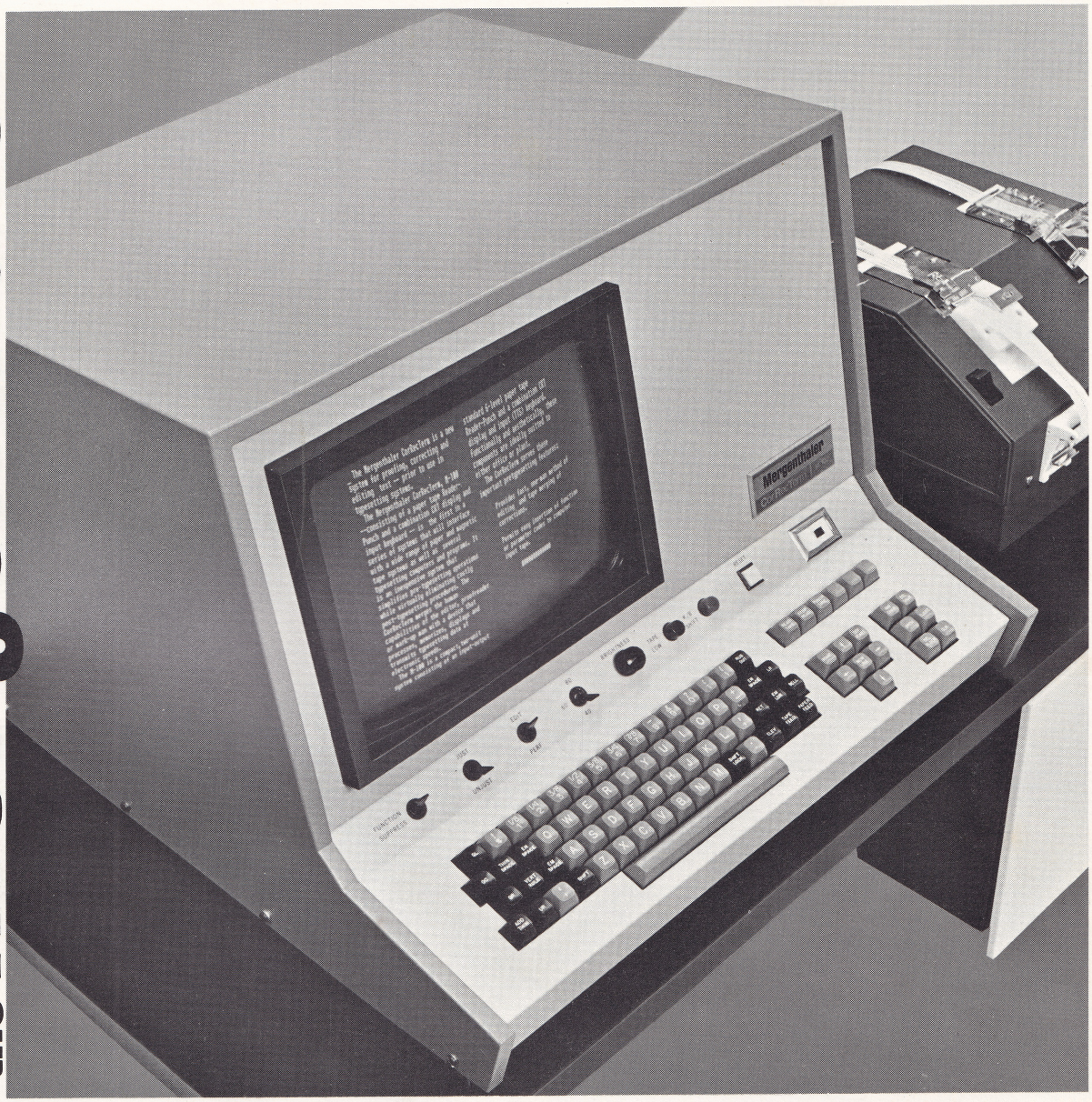
the Mergenthaler CorRecTerm



an electronic method of proofing, editing, correcting, and marking-up text prior to use in typesetting systems.

This new low-cost system simplifies pretypesetting operations while virtually eliminating costly post-typesetting procedures.

Mergenthaler

CorRecTerm

The Mergenthaler Cor RecTerm merges the human capabilities of an editor, proofreader or mark-up man with a device that processes, memorizes, displays and transmits typesetting data at electronic speeds. Versions of the CorRecTerm will interface directly with a wide range of paper and magnetic tape systems as well as several typesetting computers and programs.

The M/100 is a compact, two-unit, stand-alone system consisting of an input/output standard 6-level paper tape Reader/Punch and a combination CRT display and input (TTS) keyboard. Functionally and aesthetically, these components are ideally suited to either office or plant.

The M/101 is a three-unit system that has two input/output Reader/Punch units and a slightly modified CRT display/keyboard unit. Inclusion of the second reader provides a highly efficient method for manually merging input tapes.

Cor RecTerm functions

The Cor RecTerm serves these important pretypesetting functions:

- Provides fast, one-man method of editing and tape merging of corrections.
- Permits easy insertion of function or parameter codes to computer input tape.
- Provides efficient means of entering typesetting computer with error-free tape—completely proofread and corrected.
- Is "soft copy" answer to hard copy requirements.
- Provides auxiliary input keyboard station.

The system also enables the operator to examine, insert or change any alphanumeric or typographic function code on the input tape and to display a specific symbol for each code.

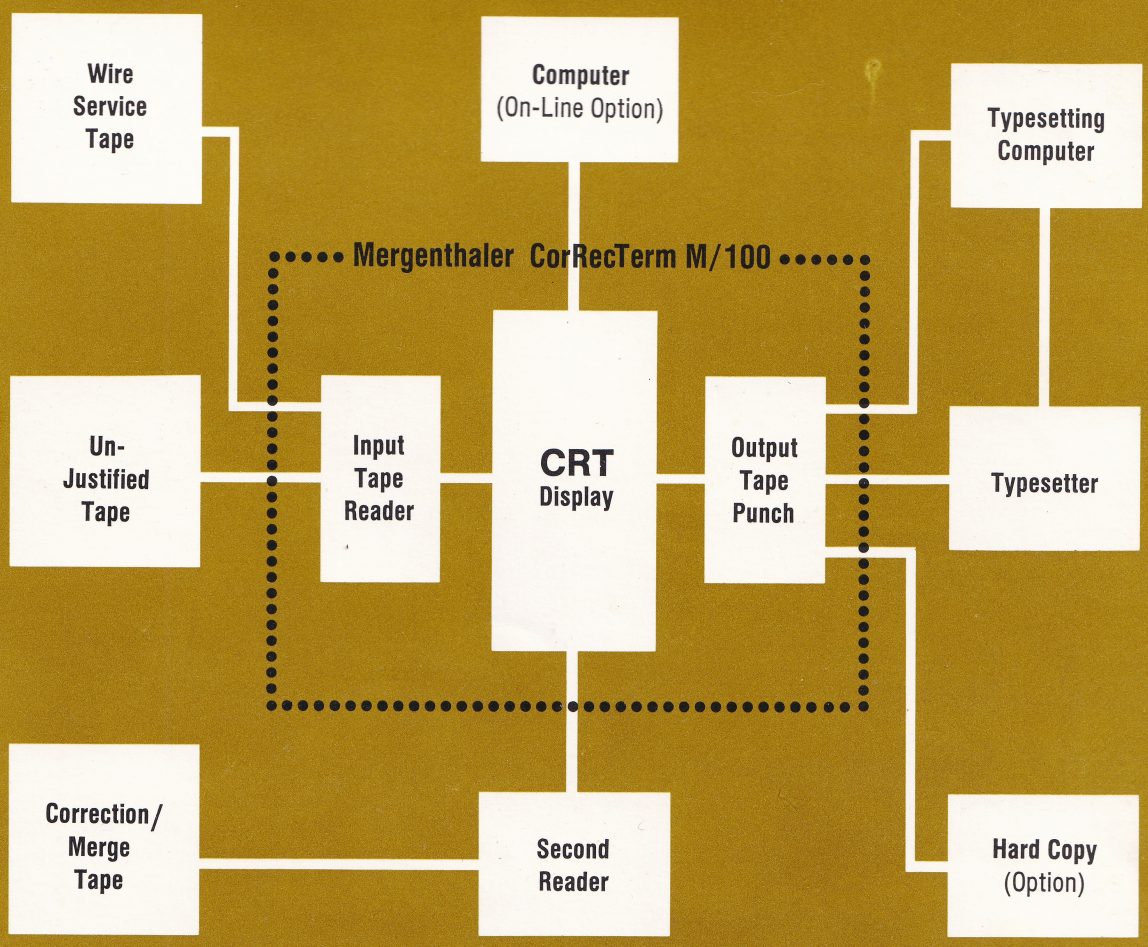
The CorRecTerm displays 14-point upper and lower case characters as white images on a 7 x 9 inch dark, non-reflecting screen. Up to 1920 characters can be displayed. However, the unit has a fully buffered storage capacity of 3,840 characters so that output tape of previously edited work may be punched while new input is being displayed on the screen.

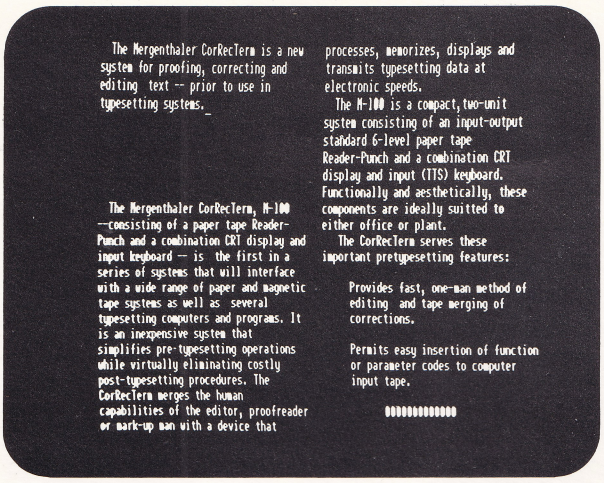
Input data may be displayed in one of four preselected formats: up to 48 lines of 40 characters in a two column arrangement, 24 lines of either 60 or 80 characters, and 24 lines of justified — line-by-line — input with up to 80 characters.

Characters are deposited serially, and as they are added or deleted, characters, words or blocks of characters are opened or closed up automatically. This is accomplished by control of a cursor that appears as an underline. The cursor is of the non-destructive type and its position indicates where the next character is deposited, deleted, or an operational function is to occur.

The CorRecTerm is an extremely flexible system designed to serve diverse applications. Some of the various possibilities—both off-line and on-line—are included in the Systems Capabilities chart below.

CorRecTerm SYSTEMS CAPABILITIES





The Mergenthaler CorRecTerm is a new system for proofing, correcting and editing text -- prior to use in typesetting systems._

The Mergenthaler CorRecTerm, M-100 --consisting of a paper tape Reader-Punch and a combination CRT display and input keyboard -- is the first in a series of systems that will interface with a wide range of paper and magnetic tape systems as well as several typesetting computers and programs. It is an inexpensive system that simplifies pre-typesetting operations while virtually eliminating costly post-typesetting procedures. The CorRecTerm merges the human capabilities of the editor, proofreader or mark-up man with a device that processes, memorizes, displays and transmits typesetting data at electronic speeds.

The M-100 is a compact, two-unit system consisting of an input-output standard 6-level paper tape Reader-Punch and a combination CRT display and input (TTS) keyboard. Functionally and aesthetically, these components are ideally suitted to either office or plant.

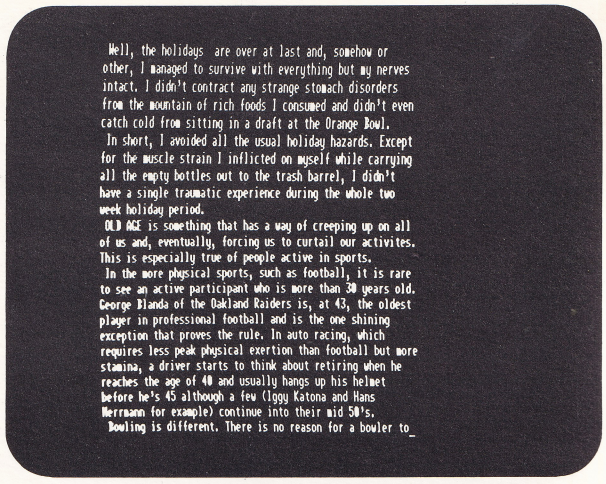
The CorRecTerm serves these important pretypesetting features:

Provides fast, one-man method of editing and tape merging of corrections.

Permits easy insertion of function or parameter codes to computer input tape.

000000000000

Example of two-column format which consists of 48 lines of 40 characters each. The text above has been "opened" by push button control for new text insertion.



Well, the holidays are over at last and, somehow or other, I managed to survive with everything but my nerves intact. I didn't contract any strange stomach disorders from the mountain of rich foods I consumed and didn't even catch cold from sitting in a draft at the Orange Bowl.

In short, I avoided all the usual holiday hazards. Except for the muscle strain I inflicted on myself while carrying all the empty bottles out to the trash barrel, I didn't have a single traumatic experience during the whole two week holiday period.

OLD AGE is something that has a way of creeping up on all of us and, eventually, forcing us to curtail our activites. This is especially true of people active in sports.

In the more physical sports, such as football, it is rare to see an active participant who is more than 30 years old. George Blanda of the Oakland Raiders is, at 43, the oldest player in professional football and is the one shining exception that proves the rule. In auto racing, which requires less peak physical exertion than football but more stamina, a driver starts to think about retiring when he reaches the age of 40 and usually hangs up his helmet before he's 45 although a few (Iggy Katona and Hans Herrmann for example) continue into their mid 50's.

Bowling is different. There is no reason for a bowler to_

Example of single-column format which consists of 24 lines of 60 characters each.

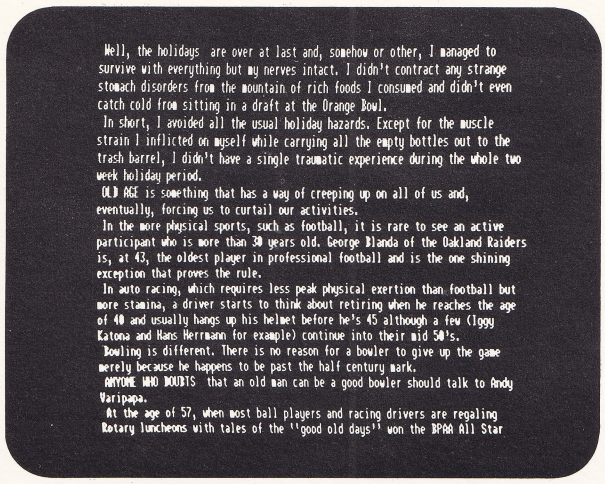
display features

simple operational controls

The operator has complete operational control. For example, he can add or change characters, words or copy blocks. He can reorder data, such as transposing paragraphs. He can "single step the reader" or let it run at 50 cps., even while the output punch is in operation.

A distinctive, easily identifiable set of typographic function codes are displayed, assuring fast, accurate markup inspection or insertions. The function codes may, by on-off switch control, be suppressed from the visual display to permit easier readability of straight text matter.

The keyboard provides two groups of keys, an alphanumeric group and a control group. The alphanumeric group is of the standard TTS 63-key configuration. The control group in-



Well, the holidays are over at last and, somehow or other, I managed to survive with everything but my nerves intact. I didn't contract any strange stomach disorders from the mountain of rich foods I consumed and didn't even catch cold from sitting in a draft at the Orange Bowl.

In short, I avoided all the usual holiday hazards. Except for the muscle strain I inflicted on myself while carrying all the empty bottles out to the trash barrel, I didn't have a single traumatic experience during the whole two week holiday period.

OLD AGE is something that has a way of creeping up on all of us and, eventually, forcing us to curtail our activities.

In the more physical sports, such as football, it is rare to see an active participant who is more than 30 years old. George Blanda of the Oakland Raiders is, at 43, the oldest player in professional football and is the one shining exception that proves the rule.

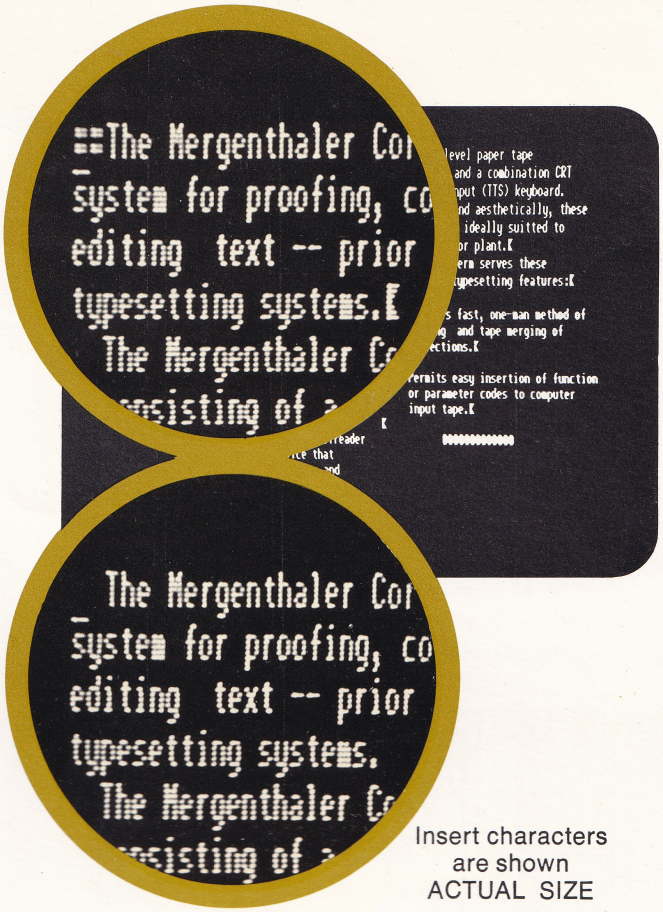
In auto racing, which requires less peak physical exertion than football but more stamina, a driver starts to think about retiring when he reaches the age of 40 and usually hangs up his helmet before he's 45 although a few (Iggy Katona and Hans Herrmann for example) continue into their mid 50's.

Bowling is different. There is no reason for a bowler to give up the game merely because he happens to be past the half century mark.

ANYONE WHO DOUBTS that an old man can be a good bowler should talk to Andy Varipapa.

At the age of 57, when most ball players and racing drivers are regaling Rotary luncheons with tales of the "good old days" won the BPAA All Star

Single-column format with 24 lines of 80 characters each. This display is same as produced by justified—line-by-line—input with 24 lines of up to 80 characters each.



Insert characters are shown ACTUAL SIZE

Typographic function codes may be displayed or suppressed from the visual display by switch control. Suppression of code symbols tend to make text reading easier.

cludes: *cursor controls* that move the cursor left, right, up, down and home (top left of screen); *editing controls,* which change, insert and delete characters, lines and blocks of text; *erase controls* that clear the screen after a specified character, or clear the entire screen for subsequent work; and read/punch controls that actuate the Reader/Punch.

accessory features

With all of the operational features directly associated with this system, there are important accessory features including: the keyboard can function as an auxiliary blind keyboard station; duplicate tapes can be made on the Reader/Punch at the 50 cps. rate.

two reader option

The CorRecTerm M/101 is an option to the M/100 that provides expanded tape merging capabilities. It is extremely useful in applications where short takes, or copy blocks are frequently inserted into existing text matter; newspaper classified inserts are a prime example. The M/101 option involves a slightly modified Display Unit in which the "Read Tape" button shown at left is substituted by two buttons, "Read 1" and "Read 2"; the "Stop Read" and "Punch Tape" buttons are moved to the right. The new buttons refer to two identical Reader/Punch Units.

Mergenthaler

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Plainview, New York 11803

specifications

Display Formats:	Single col., 24 lines of 80 characters Single col., 24 lines of 60 characters Double col., 48 lines of 40 characters Line by line, 24 lines to 80 characters
Character Size:	14 point
Char. Complement:	98, upper and lower case
Screen Size:	12″ diagonal
Screen Capacity:	1920 characters
Storage Capacity:	3840 characters
Cursor:	Non-destructive underline
Controls:	Cursor — left, right, up, down, home and new line. Editing — change, insert and delete characters, lines and blocks of text. Erase — clear screen and clear after specified character. Function Suppress — on-off switch for function code display.
Input/Output:	6-Level TTS standard code Reader/Punch, 50 cps. Output fully buffered
Electronics:	Solid state; I/C logic circuits.
Power:	120 Vac, 60 Hz, 2A.
Size/Weight:	Display and Keyboard Unit 24″ wide x 26¾″ deep x 15½″ high; 70 lbs. Reader/Punch 10⅞″ wide x 12⅜″ deep x 8″ high; 22 lbs.

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